

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
187718/US-475387-245

Serial No.
09/709,162

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant(s)
Guillermo J. Tearney et al.

Filing Date
November 10, 2000

Confirmation No.
3219

U.S. PATENT DOCUMENTS

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
		5	5	6	5	9	8	6	October 15, 1996	Knuttel*			
	2005	0	0	4	6	8	3	7	March 3, 2005	Izumi et al**			
		6	5	3	8	8	1	7	March 25, 2003	Farmer et al***			
		6	5	0	1	5	5	1	December 31, 2002	Tearney et al***			
	2006	0	1	0	3	8	5	0	May 18, 2006	Alphonse et al***			
		6	0	4	5	5	1	1	April 4, 2000	Lutz et al*****1			
	2004	0	1	5	2	9	8	9	August 5, 2004	Puttappa et al*****			
		5	2	1	2	6	6	7	May 18, 1993	Tomlinson et al. *****			
	2004	0	1	2	6	0	4	8	July 1, 2004	Dave et al*****			
		6	7	3	8	1	4	4	May 18, 2004	Dogariu et al*****			
	2006	0	2	4	4	9	7	3	November 2, 2006	Yun et al*****			
		5	7	4	8	3	1	8	May 5, 1998	Maris et al*****			
		5	0	8	5	4	9	6	February 4, 1992	Yoshida et al *****			
		6	4	4	5	4	8	5	September 3, 2002	Frigo et al*****			
		5	6	3	5	8	3	0	June 3, 1997	Itoh *****			
		5	1	2	1	9	8	3	June 16, 1992	Lee*****			
		4	9	0	9	6	3	1	March 20, 1990	Tan et al*****			
		4	8	9	0	9	0	1	January 2, 1990	Cross Jr. *****			
		5	3	1	7	3	8	9	May 31, 1994	Hochberg et al*****			
		6	8	3	9	4	9	6	January 4, 2005	Mills et al*****			
		4	1	4	0	3	6	4	February 20, 1979	Yamashita et al CE			
		5	9	1	2	7	6	4	June 15, 1999	Togino CE			

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.K./

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		3	0	9	0	7	5	3	May 21, 1963	Matuszak et al CE			
	200	5	0	3	5	2	9	5	February 17, 2005	Bouma et al CECE			
		3	8	7	2	4	0	7	March 18, 1975	Hughes CECE			
		4	7	5	1	7	0	6	June 14, 1988	Rohde et al CECE			
		4	2	2	4	9	2	9	September 30, 1980	Furihata CECECE			
		4	6	5	0	3	2	7	March 17, 1987	Ogi CECECE			
		4	7	4	4	6	5	6	May 17, 1988	Moran et al CECECE			
		5	6	4	9	9	2	4	July 22, 1997	Everett et al CECECE			
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		6	4	7	5	1	5	9	November 5, 2002	Casscells et al CECECE			
	2002	0	1	8	3	6	2	3	December 5, 2002	Tang et al CECECE			
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	200	3	0	9	7	0	4	8	May 22, 2003	Ryan et al CECECE			
		6	7	0	1	1	8	1	March 2, 2004	Tang et al CECECE			
		6	9	4	9	0	7	2	September 27, 2005	Furnish et al CECECE			
		7	1	9	0	4	6	4	March 13, 2007	Alphonse CECECE			
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	200	4	0	7	7	9	4	9	April 22, 2004	Blofgett et al CECECECE			
	2002	0	1	4	0	9	4	2	October 3, 2002	Fee et al CECECECE			

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		5	2	1	4	5	3	8	May 25, 1993	Lobb			
		6	2	9	7	0	1	8	October 2, 2001	French et al.			
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	2003	0	1	0	8	9	1	1	June 12, 2003	Klimant et al.			
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		5	9	5	5	7	3	7	September 21, 1999	Hallidy et al.			
		7	3	6	6	3	7	6	April 29, 2008	Shishkov et al.			
		7	3	5	9	0	6	2	April 15, 2008	Chen et al.			
	2003	0	2	2	0	7	4	9	November 27, 2003	Chen et al.			
	2004	0	2	3	9	9	3	8	December 2, 2004	Izatt			
	2005	0	1	7	1	4	3	8	August 4, 2005	Chen et al.			
		7	0	6	1	6	2	2	June 13, 2006	Rollins et al.			
		5	3	1	8	0	2	4	June 7, 1994	Kittrell et al.			
	2007	0	0	1	9	2	0	8	January 25, 2007	Toida et al.			
	2007	0	2	9	1	2	7	7	December 20, 2007	Everett et al.			
		7	3	5	5	7	1	6	April 8, 2008	De Boer et al.			
		7	3	9	1	5	2	0	June 24, 2008	Zhou et al.			
	200	6	1	4	6	3	3	9	July 6, 2006	Fujita et al			
		4	8	3	4	1	1	1	May 30, 1989	Khanna et al.			
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		6	0	2	0	9	6	3	February 1, 2000	Dimarzio et al			
		6	3	4	1	0	3	6	January 22, 2002	Tearney et al.			

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		6	3	9	6	9	4	1	May 28, 2002	Bacus, James W. et al. ΩΩΩΩΩΩ			
	200	5	0	1	8	2	0	1	January 27, 2005	De Boer, Johannes F. Et al ΩΩΩΩΩΩΩ			
		6	5	6	7	5	8	5	May 20, 2003	Martin et al ΩΩΩΩΩΩΩ			
		5	9	2	6	5	9	2	July 20, 1999	Martin et al. ΩΩΩΩΩΩΩ			
		7	2	6	7	4	9	4	September 11, 2007	Hongyu et al. ΩΩΩΩΩΩΩ			
		5	9	7	5	6	9	7	November 2, 1999	Podoleanu et al.			
		5	2	4	1	3	6	4	August 31, 1993	Kimura et al. ΩΩΩΩΩΩΩΩ Ω			
		5	9	1	0	8	3	9	June 8, 1999	Erskine et al ΩΩΩΩΩΩΩΩ Ω			
	200	7	0	7	0	4	9	6	March 29, 2007	Gweon et al. ΩΩΩΩΩΩΩΩ Ω			
		4	8	2	7	9	0	7	May 9, 1989	Tashiro et al. ΩΩΩΩΩΩΩΩ ΩΩ			
		4	9	9	8	9	7	2	March 12, 1991	Chin et al. ΩΩΩΩΩΩΩΩ ΩΩ			
		5	7	3	0	7	3	1	March 24, 1998	Mollenauer et al. ΩΩΩΩΩΩΩΩ ΩΩ			
	200	3	1	2	0	1	3	7	June 26, 2003	Pawluczyk et al ¥¥			
	200	2	0	9	1	3	2	2	July 11, 2002	Chaiken et al. ¥¥			
	2005	0	1	6	5	3	0	3	July 28, 2005	Kleen Martin et al. ¥¥¥			

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	200	2	0	5	2	5	4	7	May 2, 2002	Toida Masahiro YYY			
	200	4	0	0	2	6	5	0	January 1, 2004	Mandrusov Evgenia et al. YYY			
	200	3	0	8	2	1	0	5	May 1, 2003	Fischman, Alan et al. YYY			
		5	3	0	4	1	7	3	April 19, 1994	Kittrell, Carter et al. YYY			
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		6	4	7	7	4	0	3	November 5, 2002	Eguchi et al.			
		5	5	5	5	0	8	7	September 10, 1996	Miyagawa et al. YYYYI			
	200	5	0	5	7	7	5	6	March 17, 2005	Fang-Yen et al. YYY			
		4	5	8	5	3	4	9	April 29, 1986	Gross Daniel et al.			
		5	7	8	5	6	5	1	July 28, 1998	Baker et al. YYYYY			
		5	8	1	7	1	4	4	October 6, 1998	Gregory Kenton et al. YYYYY			
	2003	0	1	7	4	3	3	9	September 18, 2003	Feldchtein et al.			

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		Document No.	Date	Country	Class	SubClass	Translator Yes No
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	9	2	1	6	8	6	5	October 1, 1993	WIPO****				
	0	7	2	8	4	4	0	August 28, 1996	Europe*****				
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199	8	0	4	8	8	4	6	November 5, 1998	WIPO*****				
200	3	1	0	5	6	7	8	December 24, 2003	WIPO*****				
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	9	8	0	0	0	5	7	January 8, 1998	WIPO ΩΩΩ				
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200	4	0	5	7	2	6	6	July 8, 2004	WIPO ΩΩΩΩΩΩ				
200	1	0	2	7	6	7	9	April 19, 2001	WIPO ΩΩΩΩΩΩΩ				
200	3	0	4	6	6	3	6	June 5, 2003	WIPO ΩΩΩΩΩΩΩ				
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	9	2	0	1	9	6	6	February 6, 1992	WIPO¥				
	6	0	7	3	4	0	5	April 25, 1985	Japan¥				
	5	5	0	9	4	1	7	November 22, 1993	Japan¥				

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	2	7	3	8	3	4	3	August 30, 1995	France Y				
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	2	2	9	8	0	5	4	August 21, 1996	Great Britain YYY				
200	6	1	2	4	8	6	0	November 23, 2006	WIPO YYY				

*Reference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

**References cited in Invitation to Pay Additional Fees dated August 7, 2008 for International Application No. PCT/US2008/062354

***References cited in Invitation to Pay Additional Fees dated July 29, 2008 for International Application No. PCT/US2007/081982

****References cited in International Search Report and Written Opinion dated March 7, 2006 for International Search Report for PCT/US2005/035711

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*****References cited in Office Action dated June 30, 2008 for U.S. Patent Application No. 11/670,058

*****References cited in Office Action dated July 7, 2008 for U.S. Patent Application No. 10/551,735

*****References cited in Australian Examiners Report dated May 27, 2008 for Australian Patent Application no 2003210669

*****References cited in Notice of Allowance mailed June 4, 2008 for U.S. patent application no. 11/174,425

Ⓔ References cited in European Communication dated May 15, 2008 for European patent application no. 05819917.5

ⒺⒺ References cited in International Search Report and Written Opinion dated June 10, 2008 for International Application No. PCT/US2008/051335

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¥Reference cited in Japanese Office Action dated December 2, 2008

¥¥Reference cited in International Search Report and Written Opinion dated February 24, 2009 for PCT/US2008/076447

¥¥¥Reference cited in European Official Communication dated February 12, 2008 for EP 07718117.0

¥¥¥¥Reference cited in International Search Report and Written Opinion dated June 10, 2009 for PCT/US2008/075456

¥¥¥¥¥European Search Report issued May 5, 2009 for European Application no. 01991471.2

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			Copy of Office Action mailed October 1, 2008 for U.S. Patent Application No. 11/955,986
			Copy of Invitation of Pay Additional Fees mailed August 7, 2008 for International Application No. PCT/US2008/062354
			Copy of Invitation of Pay Additional Fees mailed July 20, 2008 for International Application No. PCT/US2007/081982
			Copy of International Search Report and Written Opinion mailed March 7, 2006 for PCT/US2005/035711
			Copy of International Search Report and Written Opinion mailed July 18, 2008 for PCT/US2008/057533
			Aizu, Y et al. (1991) "Bio-Speckle Phenomena and Their Application to the Evaluation of Blood Flow" <i>Optics and Laser Technology</i> , Vol 23, No. 4, August 1, 1991.
			Richards G.J. et al. (1997) "Laser Speckle Contrast Analysis (LASCA): A Technique for Measuring Capillary Blood Flow Using the First Order Statistics of Laser Speckle Patterns" April 2, 1997*****

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	Applicant(s) Guillermo J. Tearney et al.	
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		Gonick, Maria M., et al (2002) "Visualization of Blood Microcirculation Parameters in Human Tissues by Time Integrated Dynamic Speckles Analysis" Vol. 972, No. 1, October 1, 2002*****
		Copy of International Search Report and Written Opinion mailed July 4, 2008 for PCT/US2008/051432
		Jonathan, Enock (2005) "Dual Reference Arm Low-Coherence Interferometer-Based Reflectometer For Optical Coherence Tomography (OCT) Application" <i>Optics Communications</i> Vol 252. *****
		Motaghian Nezam, S.M.R. (2007) "increased Ranging Depth in optical Frequency Domain Imaging by Frequency Encoding" <i>Optics Letters</i> , Vol 32, No. 19, October 1, 2007.
		Copy of Office Action dated June 30, 2008 for U.S. Patent Application No. 11/670,058
		Copy of Office Action dated July 7, 2008 for U.S. Patent Application no. 10/551,735
		Copy of Australian Examiner's Report mailed May 27, 2008 for Australian patent application no. 2003210669
		Copy of Notice of Allowance mailed June 4, 2008 for U.S. Patent application no. 11/174,425
		Copy of European communication dated May 15, 2008 for European patent application no. 05819917.5
		Copy of International Search Report and Written Opinion mailed June 10, 2008 for PCT/US2008/051335
		Oh. W.Y. et al (2006) "Ultrahigh-Speed Optical Frequency Domain Imaging and Application to laser Ablation Monitoring" <i>Applied Physics Letters</i> , Vol 88. AEE
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		Sticker, Markus (2002) "En Face Imaging of Single Cell layers by Differential Phase-Contrast Optical Coherence Microscopy" <i>Optics Letters</i> , Col. 27, No. 13, July 1, 2002
		Copy of International Search Report and Written Opinion dated July 17, 2008 for International Application no PCT/US2008/057450
		Copy of International Search Report and Written Opinion dated August 11, 2008 for International Application no. PCT/US2008/058703
		US National Library of Medicine (NLM), Bethesda, MD, US; October 2007 (2007-10), "Abstracts of the 19 th Annual Symposium of Transcatheter Cardiovascular Therapeutics, October 20-25, 2007, Washington, DC, USA." ΩΩΩΩΩ
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(Use several sheets if necessary)Applicant(s)
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